(FILE 'HOME' ENTERED AT 15:40:46 ON 17 APR 2003)

FILE 'REGISTRY' ENTERED AT 15:41:24 ON 17 APR 2003

L1 0 S POLYSILOXANE?/PCT
L2 0 S SILOXANE/PCT
L3 0 S POLYORGANOSILOXANE?/PCT
L4 25986 S SILOXANE? OR POLYSILOXANE?
L5 7347 S L4 AND PHENYL? AND METHYL?

FILE 'CA' ENTERED AT 15:43:35 ON 17 APR 2003

L6 52689 S POLYCARBONATE? OR C08L069?/IC
L7 190 S L6 AND L5

L7 ANSWER 125 OF 190 CA COPYRIGHT 2003 ACS
AN 125:223554 CA
TI Noncombustible siloxane-modified **polycarbonate** compositions resistant to dripping in burning
IN Nodera, Akio; Okamoto, Masaya; Takarada, Mitsuhiro; Kizaki, Hiroaki; Kumagai, Kimitaka
PA Idemitsu Petrochemical Co, Japan; Shinetsu Chem Ind Co
SO Jpn. Kokai Tokkyo Koho, 14 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
IC ICM **C08L069-00**
ICS **C08L069-00**; C08G064-08; C08G077-448; C08K005-098; C08K005-42; C08K005-521; C08L083-10
ICI C08L069-00, C08L083-10
CC 37-6 (Plastics Manufacture and Processing)
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 08176427	A2	19960709	JP 1994-319690	19941222
	JP 3151789	B2	20010403		
PRAI	JP 1994-319690		19941222		

AB The title compns. contain (A) 100 parts .gtoreq.0.1% organopolysiloxane unit-contg. resins comprising (a) 1-100% arom. **polycarbonate** copolymers with 0.1-20% [(R1)3SiO0.5]a[(R2)2SiO]b[R3SiO1.5]c[SiO2]d (R1-3 = C1-12 hydrocarbyl, phenolic OH-contg. group; 1 mol. contains .gtoreq.2 the phenolic OH-contg. group; 0 .ltoreq. a .ltoreq. 0.75; 0 .ltoreq. b < 1; 0 .ltoreq. c .ltoreq. 0.5; 0 .ltoreq. d .ltoreq. 0.25; a + b + c + d = 1; excluding c = d = 0) and (b) 99-0% arom. **polycarbonates** and (B) 0-1 part org. alkali metal and/or alk. earth metal salts. Thus,

o-HOC6H4(CH2)3[Me2SiO]2SiPh[OSiMe2(CH2)3C6H4OH-o]SiPh2OSiMe2(CH2)3C6H4OH-o was polymd. with **polycarbonate** oligomer (prepd. from bisphenol A and COCl2) to give a copolymer contg. 1% siloxane unit, which showed O index 31, fire resistance rating V-1, no dripping, and haze 3.

ST noncombustible **polycarbonate** siloxane modified; dripping resistant **polycarbonate** noncombustible

IT Carbonates, uses
Phosphates, uses
RL: MOA (Modifier or additive use); USES (Uses)
(fireproofing agents; noncombustible siloxane-modified **polycarbonate** compns. resistant to dripping in burning)

IT Fire-resistant materials
(noncombustible siloxane-modified **polycarbonate** compns. resistant to dripping in burning)

IT Fireproofing agents
(org. alkali or alk. earth salts; noncombustible siloxane-modified **polycarbonate** compns. resistant to dripping in burning)

IT Siloxanes and Silicones, preparation
RL: IMF (Industrial manufacture); POF (Polymer in formulation); PRP (Properties); PREP (Preparation); USES (Uses)
(**polycarbonate**-, noncombustible siloxane-modified **polycarbonate** compns. resistant to dripping in burning)

IT **Polycarbonates**, preparation
RL: IMF (Industrial manufacture); POF (Polymer in formulation); PRP (Properties); PREP (Preparation); USES (Uses)
(siloxane-, noncombustible siloxane-modified **polycarbonate** compns. resistant to dripping in burning)